

Figure 1, A (Prior Art)

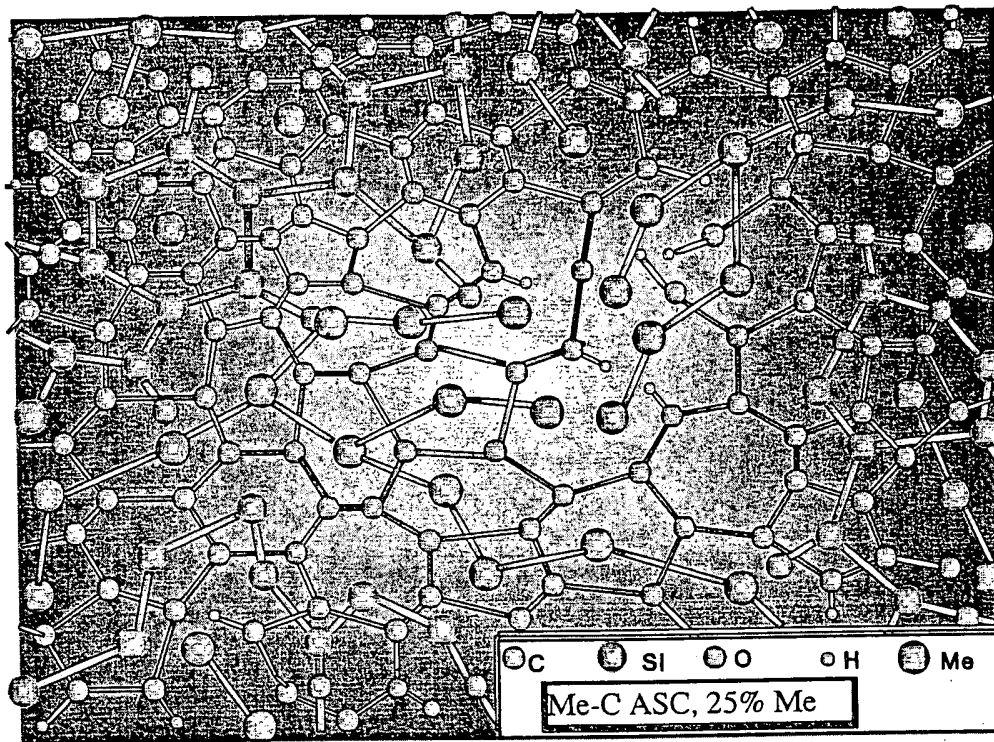


Figure 1, B.

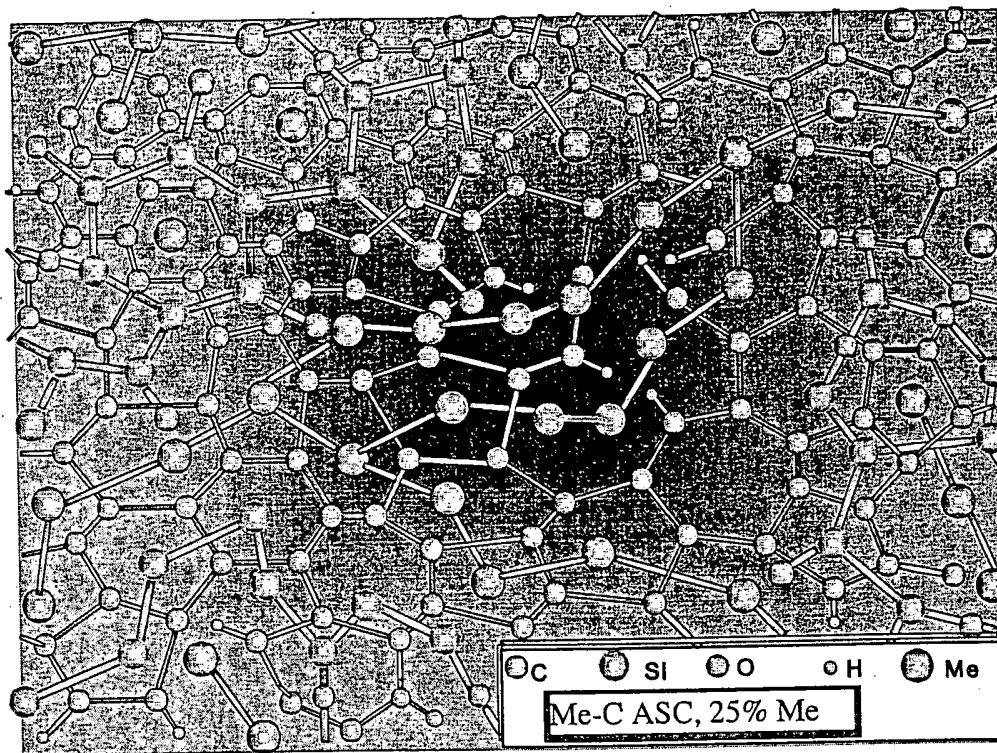


Figure 1, C.

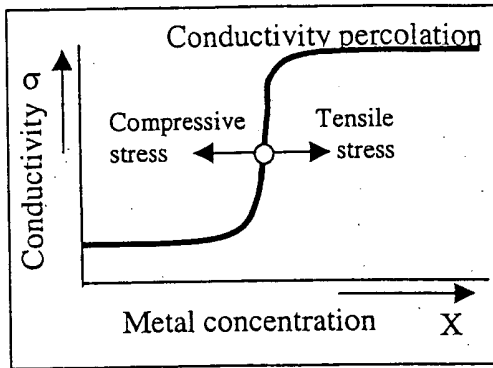


Fig 2A

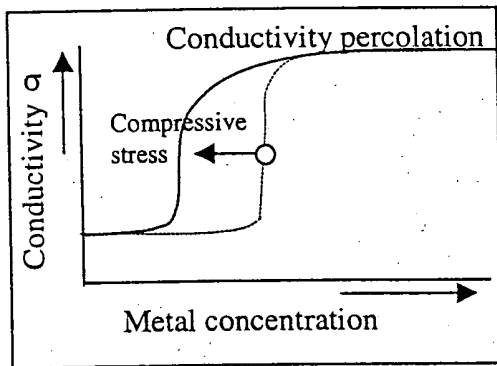


Fig 2B

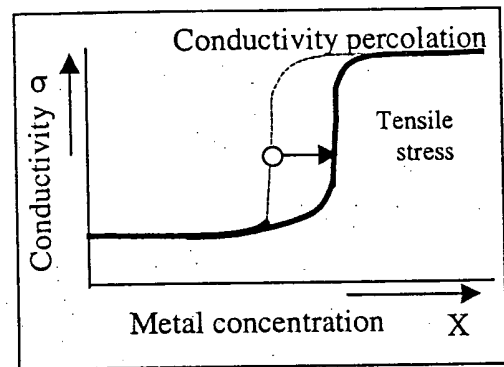


Fig 2C

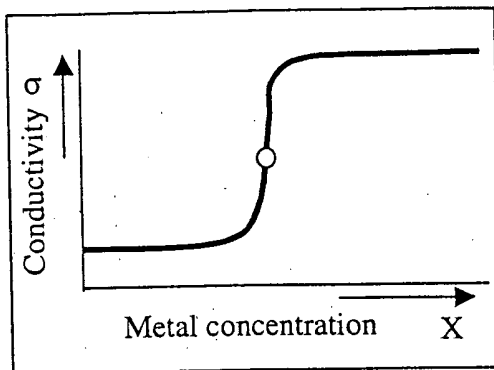


Fig 3A

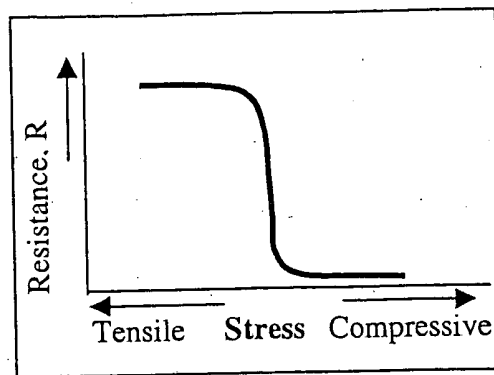


Fig 3B

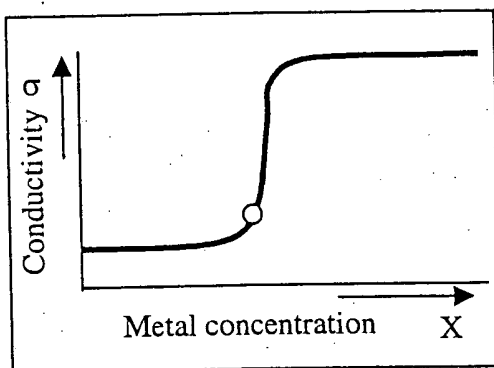


Fig 3C

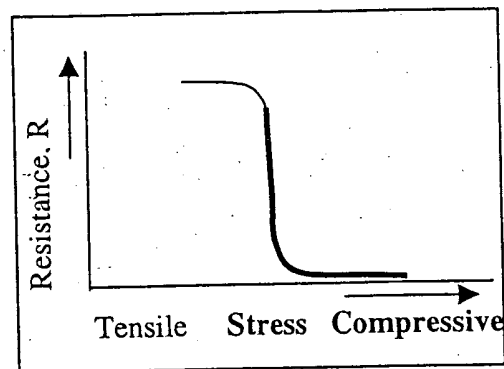


Fig 3D

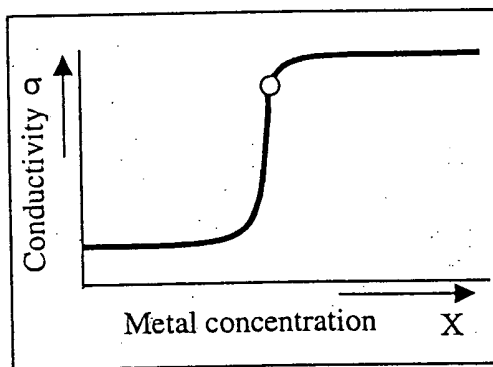


Fig 3E

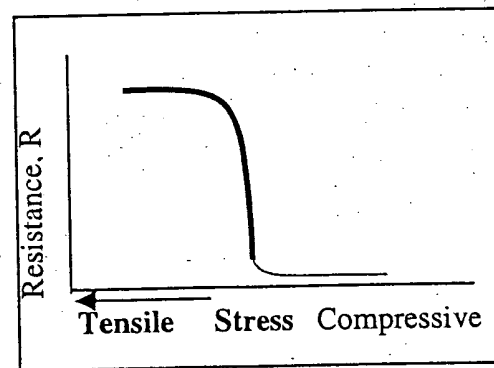
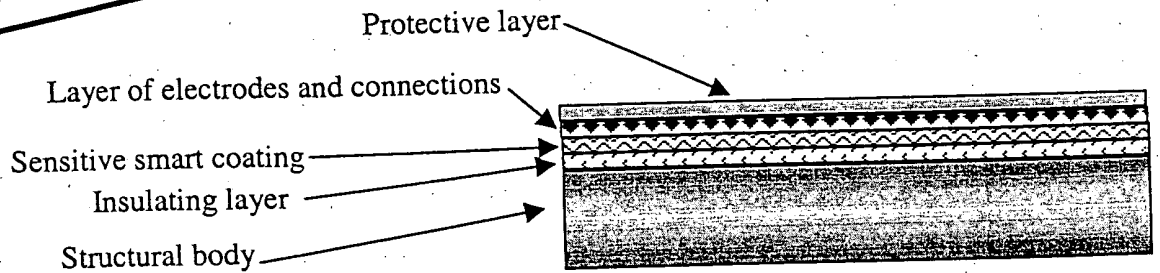
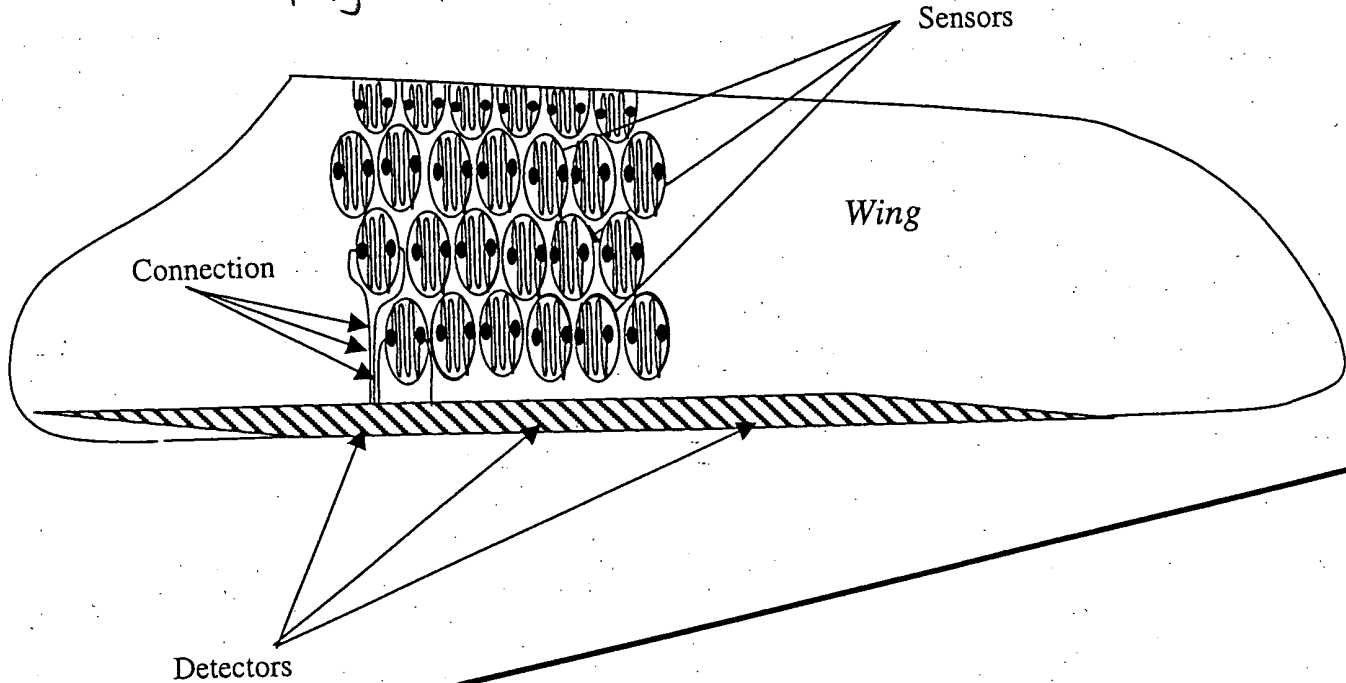


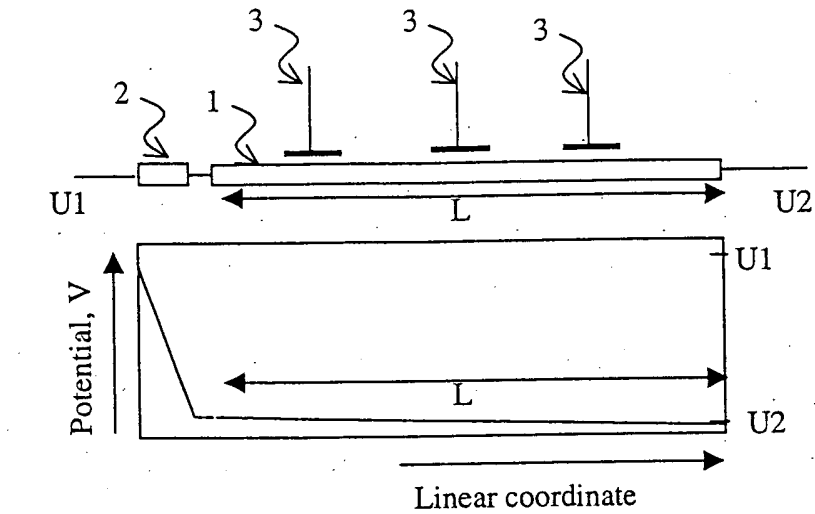
Fig 3F

Fig 4

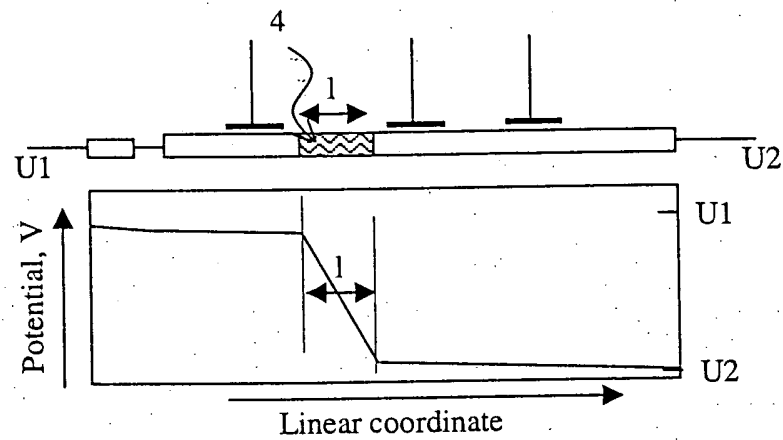


Cross-section

Fig 5



a



b

To Legend to figure 6:

1 – percolation transition sensor; 2 – external resistor; 3 – capacitors; 4 – stressed area (tensile stress) with increased resistivity.

Fig 7 A

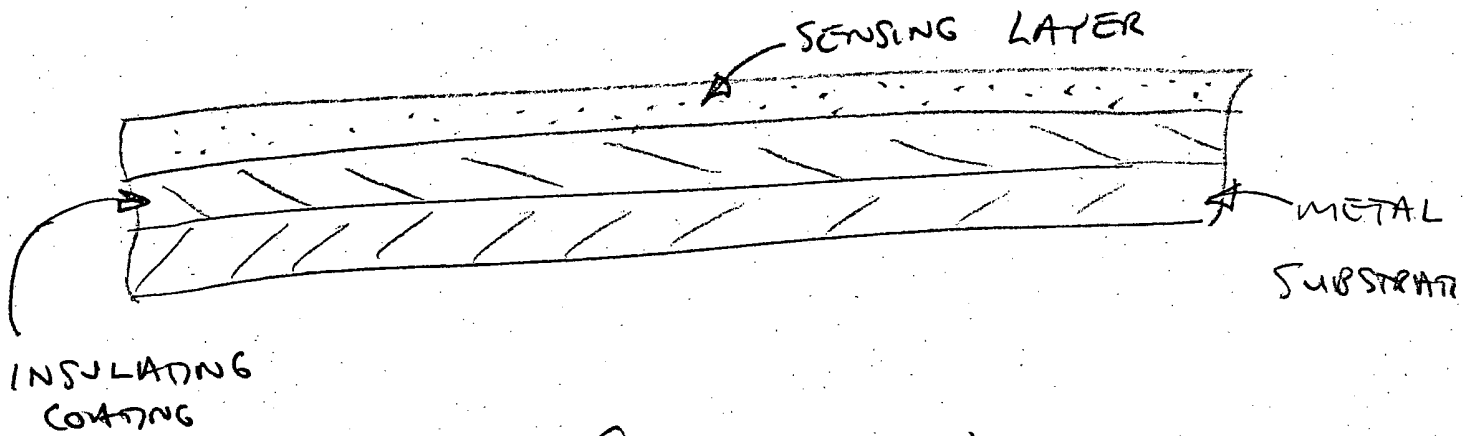
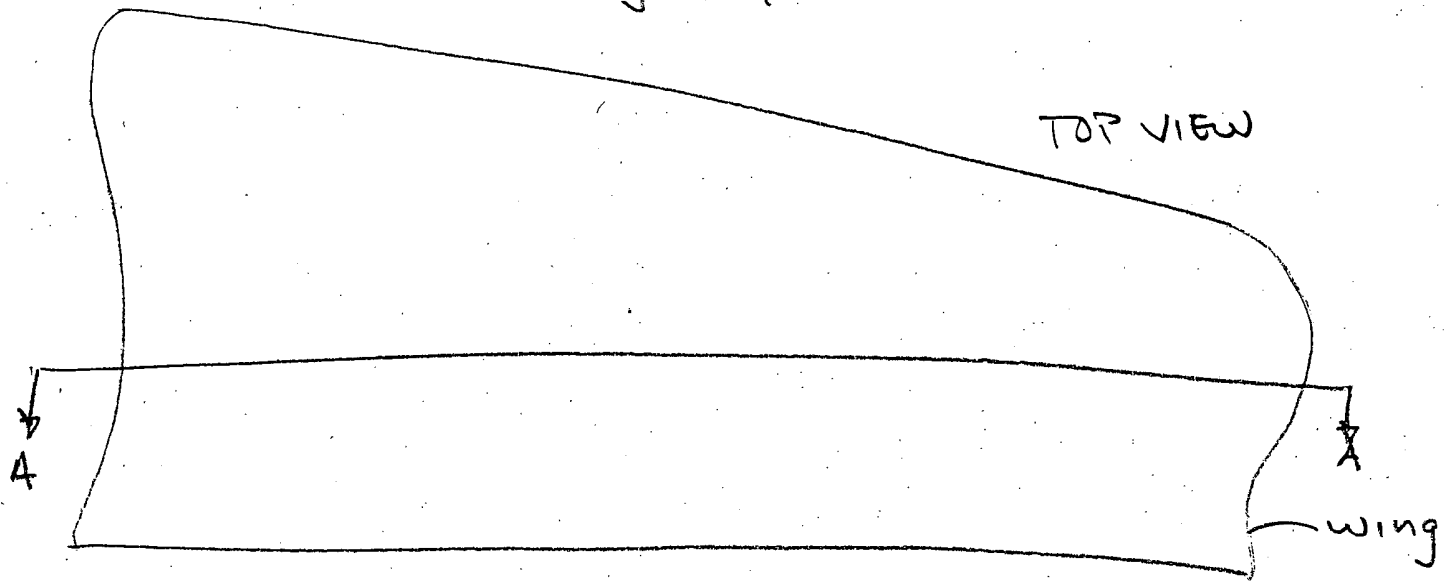


Fig 7 B

CROSS SECTION  
THRU A-A



Fig 8A

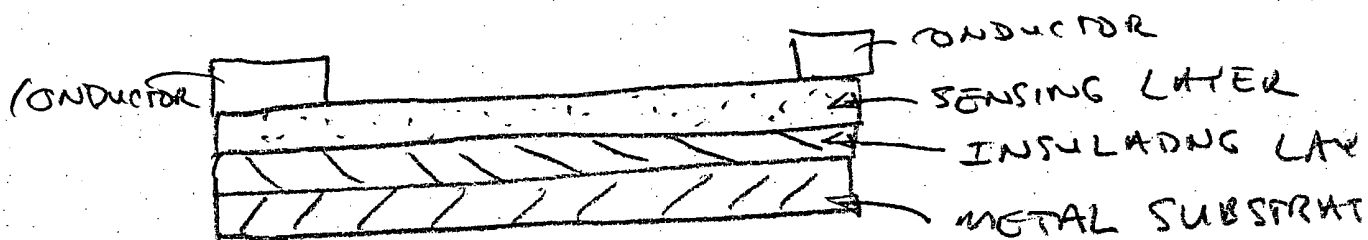
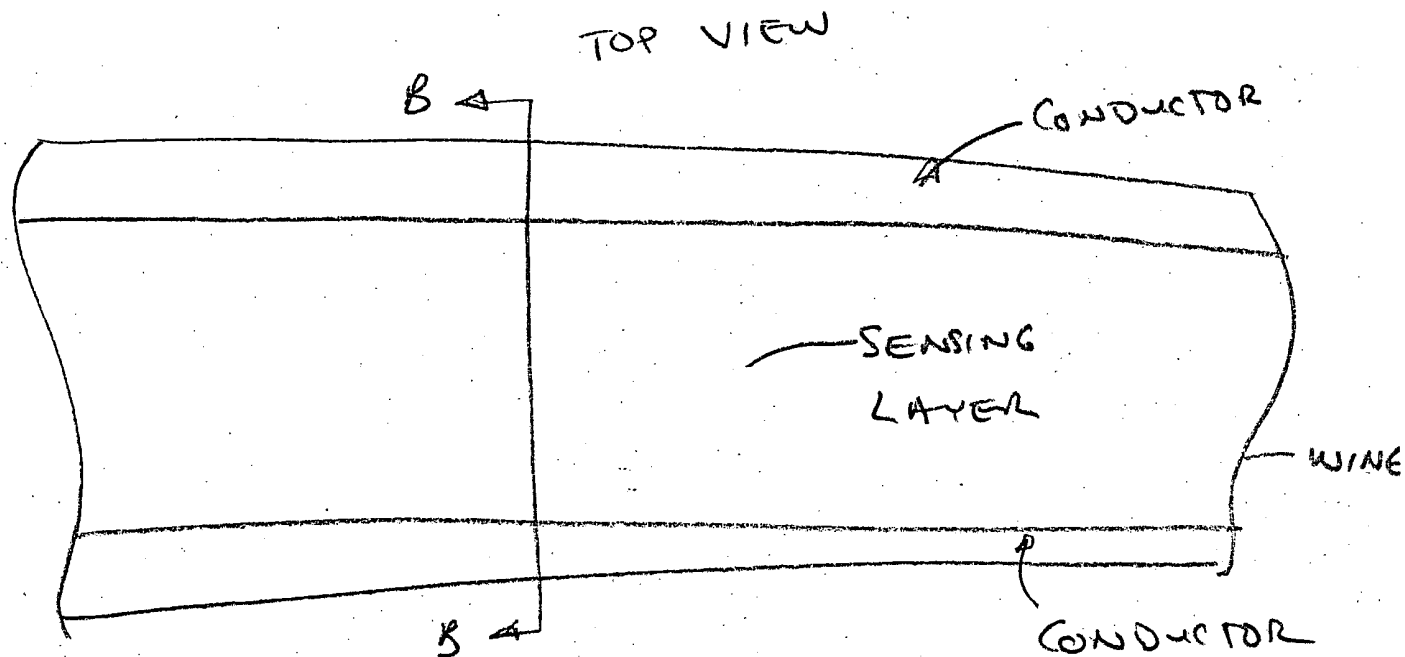


Fig 8B CROSS SECTION  
THRU B-B

Fig 9 A

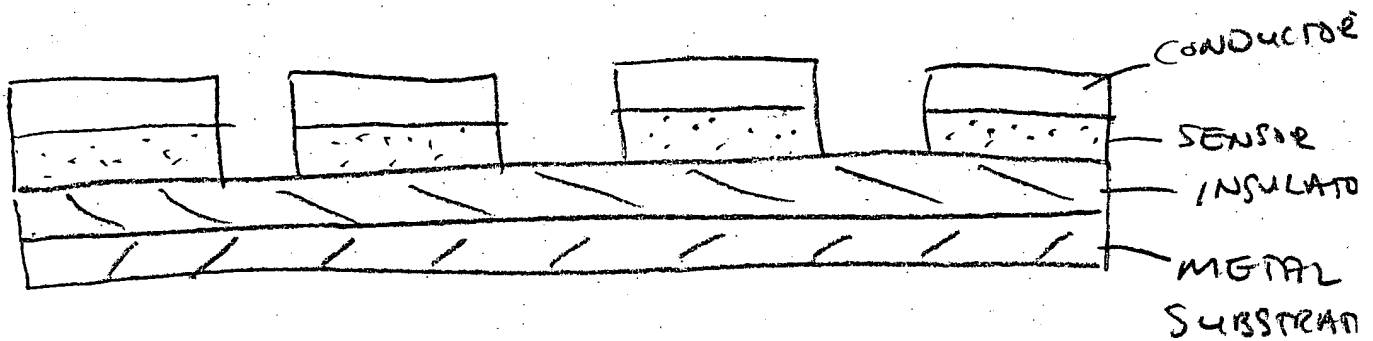
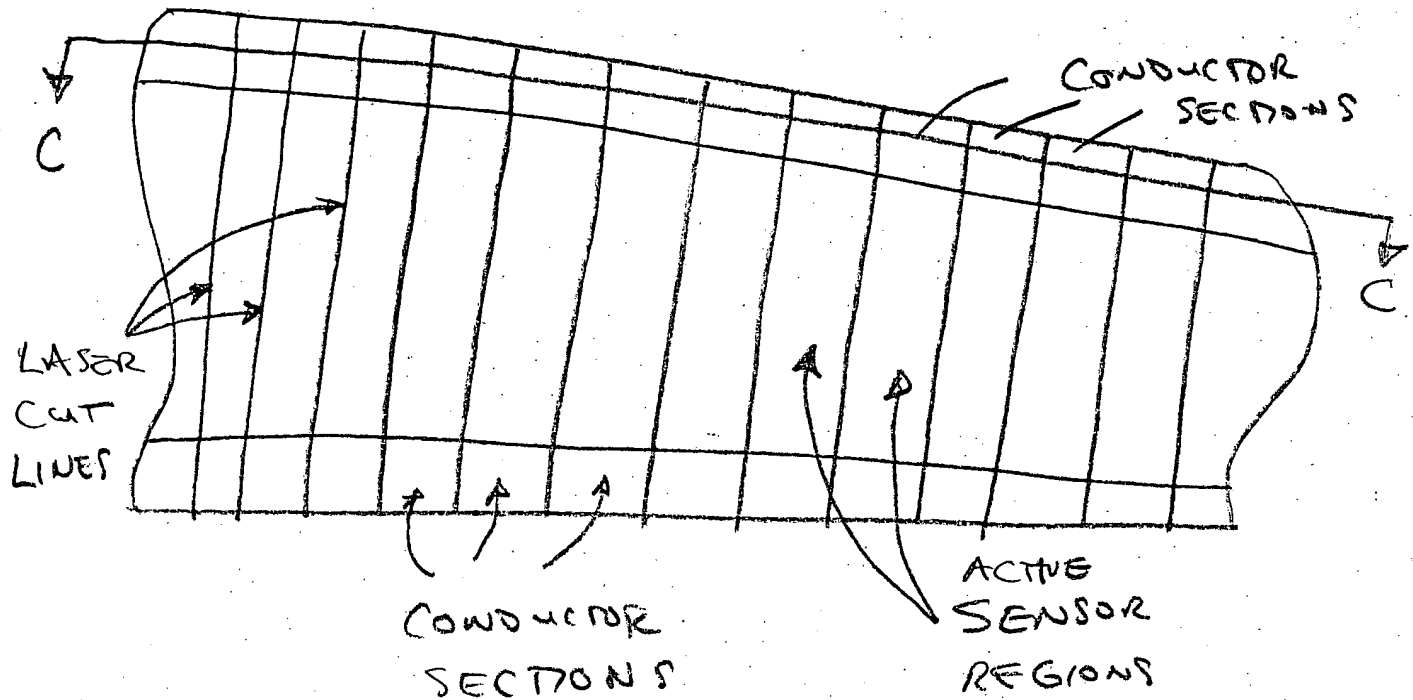


Fig 9 B